

# Jalene LaMontagne

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,318  
citations

361413

20  
h-index

377865

34  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1173  
citing authors

#	ARTICLE	IF	CITATIONS
1	North American tree migration paced by climate in the West, lagging in the East. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	27
2	Differential defoliation and mortality of white spruce and balsam fir by eastern spruce budworm. Forest Ecology and Management, 2022, 508, 120042.	3.2	2
3	MASTREE+: Time-series of plant reproductive effort from six continents. Global Change Biology, 2022, 28, 3066-3082.	9.5	19
4	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	12.6	62
5	Community stability is related to animal diversity change. Ecosphere, 2022, 13, .	2.2	5
6	Globally, tree fecundity exceeds productivity gradients. Ecology Letters, 2022, 25, 1471-1482.	6.4	11
7	Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery. Nature Communications, 2022, 13, 2381.	12.8	21
8	Continent-wide tree fecundity driven by indirect climate effects. Nature Communications, 2021, 12, 1242.	12.8	46
9	Landsat-based detection of mast events in white spruce ( <i>Picea glauca</i> ) forests. Remote Sensing of Environment, 2021, 254, 112278.	11.0	5
10	Is there tree senescence? The fecundity evidence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	42
11	An assessment of temporal variability in mast seeding of North American Pinaceae. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200373.	4.0	23
12	Extending Our Scientific Reach in Arboreal Ecosystems for Research and Management. Frontiers in Forests and Global Change, 2021, 4, .	2.3	14
13	Harnessing the NEON data revolution to advance open environmental science with a diverse and data-capable community. Ecosphere, 2021, 12, .	2.2	15
14	Similarity between seed rain and neighbouring mature tree communities in an old-growth temperate forest. Journal of Forestry Research, 2020, 31, 2435-2444.	3.6	5
15	Climate teleconnections synchronize <i>Picea glauca</i> masting and fire disturbance: Evidence for a fire-related form of environmental prediction. Journal of Ecology, 2020, 108, 1186-1198.	4.0	35
16	Plant-available soil nutrients have a limited influence on cone production patterns of individual white spruce trees. Oecologia, 2020, 194, 101-111.	2.0	6
17	Does urbanization influence population trends of cavity-nesting birds and their relationship with European starlings?. Acta Oecologica, 2020, 108, 103636.	1.1	1
18	Terrestrial Ecology: Natural Selection for Mast Seeding. Current Biology, 2020, 30, R996-R998.	3.9	1

#	ARTICLE	IF	CITATIONS
19	Mast seeding patterns are asynchronous at a continental scale. <i>Nature Plants</i> , 2020, 6, 460-465.	9.3	43
20	Reply to: Nutrient scarcity cannot cause mast seeding. <i>Nature Plants</i> , 2020, 6, 763-765.	9.3	6
21	Climate Dipoles as Continental Drivers of Plant and Animal Populations. <i>Trends in Ecology and Evolution</i> , 2020, 35, 440-453.	8.7	34
22	Biogeography and phylogeny of masting: do global patterns fit functional hypotheses?. <i>New Phytologist</i> , 2020, 227, 1557-1567.	7.3	41
23	Tree cavity availability in urban cemeteries and city parks. <i>Journal of Urban Ecology</i> , 2019, 5, .	1.5	12
24	Clam community composition and prey shell size impacts moon snail (Gastropod: Naticidae) drilling frequencies in South Carolina, USA. <i>Marine Ecology</i> , 2019, 40, e12526.	1.1	1
25	Nutrient scarcity as a selective pressure for mast seeding. <i>Nature Plants</i> , 2019, 5, 1222-1228.	9.3	53
26	Offspring sizeâ€“number tradeoffs and food quality feedbacks impact population dynamics in a <i>Daphnia</i> â€“algae system. <i>Oikos</i> , 2018, 127, 1152-1162.	2.7	6
27	Variation and synchrony of tree species mast seeding in an oldâ€“growth temperate forest. <i>Journal of Vegetation Science</i> , 2017, 28, 413-423.	2.2	16
28	Inter-annual variation in seed production has increased over time (1900â€“2014). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171666.	2.6	65
29	Nest selection by red-headed woodpeckers across three spatial scales in an urban environment. <i>Urban Ecosystems</i> , 2016, 19, 297-314.	2.4	8
30	Tree cavity availability across forest, park, and residential habitats in a highly urban area. <i>Urban Ecosystems</i> , 2015, 18, 151-167.	2.4	30
31	Linking intraspecific variation in territory size, cone supply, and survival of North American red squirrels. <i>Journal of Mammalogy</i> , 2013, 94, 1048-1058.	1.3	40
32	Climatic determinants of white spruce cone crops in the boreal forest of southwestern Yukon. <i>Botany</i> , 2012, 90, 113-119.	1.0	41
33	The functional response of a hoarding seed predator to mast seeding. <i>Ecology</i> , 2010, 91, 2673-2683.	3.2	102
34	Annual and monthly range fidelity of female boreal woodland caribou in response to petroleum development. <i>Rangifer</i> , 2010, 30, 31-44.	0.6	13
35	Quantitative methods for defining mastâ€“seeding years across species and studies. <i>Journal of Vegetation Science</i> , 2009, 20, 745-753.	2.2	54
36	Persistent maternal effects on juvenile survival in North American red squirrels. <i>Biology Letters</i> , 2007, 3, 289-291.	2.3	60

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37	Local scale synchrony and variability in mast seed production patterns of <i>Picea glauca</i> . Journal of Ecology, 2007, 95, 991-1000.	4.0	134
38	RED SQUIRRELS ( <i>TAMIASCIURUS HUDSONICUS</i> ) FEEDING ON SPRUCE BARK BEETLES ( <i>DENDROCTONUS</i> ) $T_j ETQq0,00rgBT_6$ Overlock	1.3	6
39	A visual index for estimating cone production for individual white spruce trees. Canadian Journal of Forest Research, 2005, 35, 3020-3026.	1.7	43
40	ENERGY BALANCE OF TRUMPETER SWANS AT STOPOVER AREAS DURING SPRING MIGRATION. Northwestern Naturalist, 2004, 85, 104-110.	0.4	2
41	Compensatory growth responses of <i>Potamogeton pectinatus</i> to foraging by migrating trumpeter swans in spring stop over areas. Aquatic Botany, 2003, 76, 235-244.	1.6	25
42	Characteristics of ponds used by trumpeter swans in a spring migration stopover area. Canadian Journal of Zoology, 2003, 81, 1791-1798.	1.0	6
43	Spatial patterns of population regulation in sage grouse ( <i>Centrocercus</i> spp.) population viability analysis. Journal of Animal Ecology, 2002, 71, 672-682.	2.8	14
44	Maternal effects in <i>Daphnia</i> : what mothers are telling their offspring and do they listen?. Ecology Letters, 2001, 4, 64-71.	6.4	114
45	Cone characteristics and insect predation levels vary across years in mast seeding white spruce. Canadian Journal of Forest Research, 0, , 1-8.	1.7	1